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TITLE: AUCTION SYSTEM AND AUCTION METHOD

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INVENTOR-INFORMATION:

NAME

COUNTRY

OGAWA, JUN

SHIGA, TAKUYA

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ABSTRACT:

PROBLEM TO BE SOLVED: To simultaneously decide successful bid quantity and a contract unit price, to eliminate a price manipulation for a bid unit price, and to eliminate the need for a strategic action by a bidder.

SOLUTION: An auction system comprises: a means 102 for storing an ensured sales amount for every sales number of articles; a means 101 for receiving bid information including the bid unit price and the number of articles to be purchased for every bidder by a bid from a bidder; a means 103 for deciding the priority order of the successful bid on the basis of the received bid unit price; a means 104 for calculating the total amount of bid corresponding to the bid unit price in each priority order on the basis of the decided priority order and the bid unit price; a means 105 for storing the calculated total amount of bid by correlating the calculated total amount of bid to the decided priority order; a means 106 for comparing the ensured sales figure for every successful bid number of articles with the total amount of bid for every number of total bids by the priority order, and deciding the actual successful unit price and the number of successful bids on the basis of the total amount of bid having the maximum difference; and a means 107 for deciding the successful bidder from the higher rank of the priority order in accordance with the decided actual successful bid unit price and the number of successful bids.

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